

Information Pertaining to A. E. Staley Waste

Waste Generator

A. E. Staley Manufacturing Co.
2200 Eldorado Street
Decatur, Illinois 62525
Telephone: 217-423-4411

Waste Hauler

Buck Trucking Co., Inc.
4083 Faries Parkway
Decatur, Illinois 62526
Telephone: 217-422-1172

Chemical Analysis

See attached sheet

Source of Waste

The wastes consist of several starch filtrates.

Volume of Waste:

Up to 1,900,000 gallons per month.

Volume Increase of Waste to be Injected, gpm

There would be no increase in the instantaneous maximum flow rate to the well. Our present operation is an on-off situation resulting from changes in settling pond level. This pond is on level control. At high pond levels, the control valve to the well is fully open and the maximum flow rate is obtained. At low pond levels, the valve is fully closed. Therefore, rather than determining an increase in the injection rate, we should consider the extra time period that the well will be operating. Assuming a maximum Staley disposal of 60,000 gallons per day, and a normal plant injection rate of 270 gpm, this requires additional well operating time of less than four hours. When adding this to our present disposal, we would have up to 18 hours per day of well operation. The disposal of Staley wastes would place no capacity burden on our existing disposal system.

Compatibility Tests

Wastes are similar to those which we are already receiving from A. E. Staley in reduced quantities. They have been compatible with our plant wastes.



Adverse Effects

No adverse effects on the well integrity and injection operation are expected. We are already authorized to handle limited quantities of Staley waste. The waste will be thoroughly mixed with our HCl wastes prior to pumping to the well.

Waste Treatment at the Surface

There is no treatment planned before injection other than mixing with our existing wastes.